

Amendments to the Specification:

Please replace the paragraph beginning at page 40, line 6 with the following amended paragraph:

The requirements 5, 9, 10 and 11 of the present invention can be satisfied by, for example, setting the proportion of polyvinyl pyrrolidone to polysulfone-based polymer in the range described above or optimizing the conditions of forming the permselective separation membrane. Specifically, it is preferable to form two-layer structure of the uppermost layer and the layer near the surface which have different densities in the dense layer formed on the inner surface of the permselective separation membrane. It is considered that, by setting the contents of polysulfone-based polymer and polyvinyl pyrrolidone in the membrane forming liquid and concentration and temperature of the internal liquid in the ranges to be described later described above, difference is generated in the solidification rate and/or phase separation rate between the uppermost layer and the layer near the surface of the inner surface of the hollow fiber membrane, and the difference in solubility of polysulfone-based polymer and polyvinyl pyrrolidone into the solvent and/or water would create the properties of the features described above, though the mechanism is not yet clear.